

DATA STORAGE SYSTEM

Abstract of the Disclosure

5 ~~A data storage system wherein end user data is~~
transferred between a host computer and a bank of disk
drives through an interface. The interface includes a
memory and a plurality of directors interconnected through
an interface state data bus and a plurality of end-user data
busses. At least one front-end one of the directors is in
communication with the host computer and at least one rear-
end one of the directors is in communication with the bank
10 of disk drives. The interface state data bus section is in
communication with: both the at least one front-end one and
the at least one rear-end one of the directors; and to the
memory. Each one of the plurality of end-user data buses
has a first end coupled to a corresponding one of the
15 plurality of directors and a second end coupled to the
memory. The plurality of directors control the end-user
data transfer between the host computer and the bank of disk
drives through the memory in response to interface state
data generated by the directors as such, end-user data passes
20 through the end-user data busses. The generated interface
state data is transferred among the directors through the
memory as such end-user data passes through the end-user
bus.